



# IVOA Exec Closing Remarks

May 2023 interoperability meeting, Bologna, Italy

Christophe Arviset, IVOA Chair



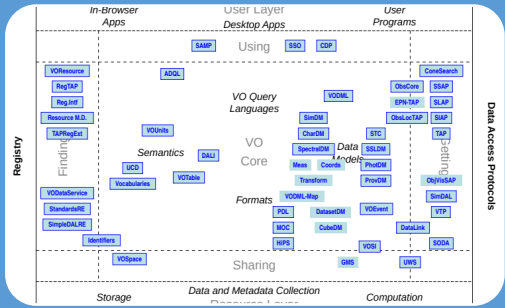


# Vision of the International Virtual Observatory Alliance



## Develop a FAIR data management framework for astronomy

- Interoperability standards (VO framework) amongst astronomical (ground and space based) archives
- Publishing tools for data centres



Data Centres

Data Access

Data Models

Registry

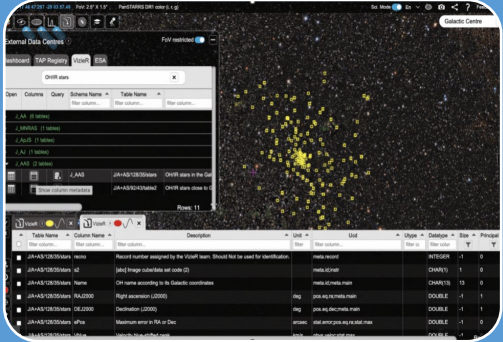
Operations

DOIs

...



# Vision of the International Virtual Observatory Alliance



## Enable new science through the VO

- Multi wavelength science, combining datasets from multiple sources
- Data discovery and data access tools
- Data analysis and visualization tools

Applications  
Astropy, pyVO

Science Platforms

Grid & Web  
Services WG

Knowledge  
Discovery

ML, AI, ChatGPT

Radio  
Time Domain  
Solar System

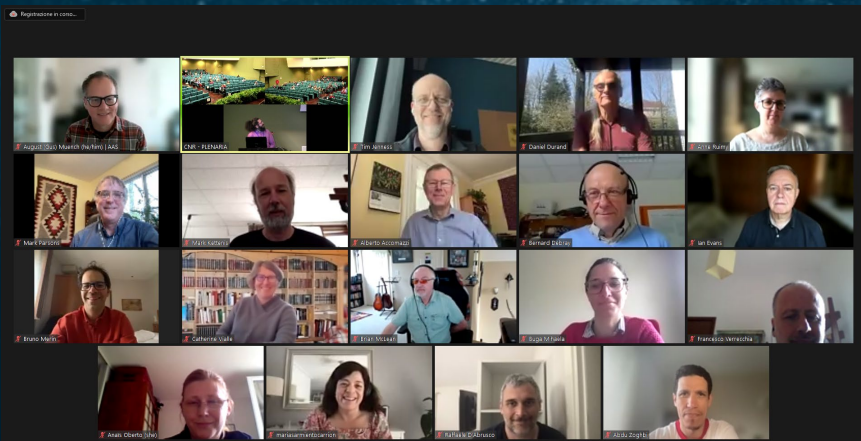
Theory

# Vision of the International Virtual Observatory Alliance

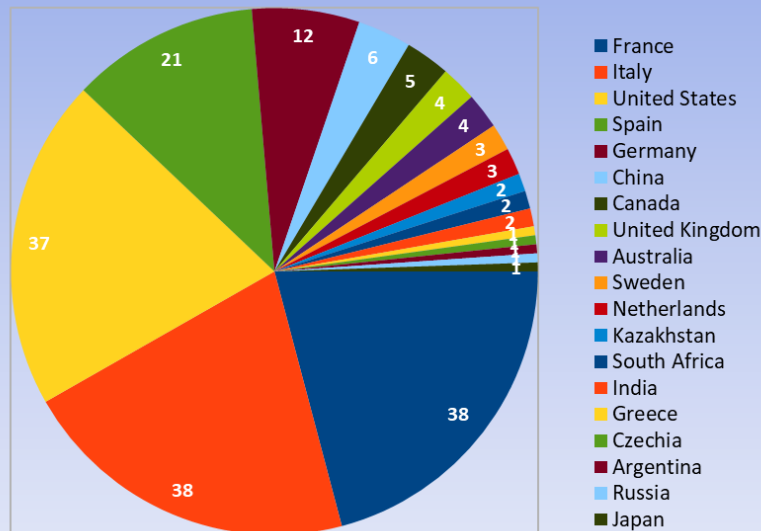


World wide collaboration amongst astronomical VO projects

- Created in 2002, 22 projects today
- No formal funding, nationally funded projects
- Diversity makes IVOA's richness



Bologna Interop Meeting May 2023  
Overall Attendance





# Working Groups / Interest Groups – Terms renewal



	Chair	Vice-Chair
TCG	Janet Evans	Marco Molinaro
<b>Working Groups</b>		
Applications	Pierre Le Sidaner	Adrian Damian
Data Access Layer	James Dempsey	Gregory Mantelet
Data Model	Mark Cresitello-Dittmar	Mathieu Servillat
Grid and Web Services	Jesus Salgado	Sara Bertocco
Registry	Renaud Savalle	Tess Jaffe
Semantics	Baptiste Ceconi	Sébastien Derrière
<b>Interest Groups</b>		
Data Curation & Preservation	Gilles Landais	Gus Muench
Education	Hendrik Heinl	Shanshan Li
Knowledge Discovery	Raffaele D'Abrusco	Yihan Tao
Operations	Steve Groom	Tamara Civera
Radio Astronomy	Francois Bonnarel	Soon to be chosen
Solar System	Anne Raugh	Markus Demleitner
Theory	Simon O'Toole	Giuliano Taffoni
Time Domain	Rafael Martinez Galarza	Soon to be chosen
<b>IVOA Committees</b>		
Exec	Christophe Arviset	Simon O'Toole
Standard and Processes	Patrick Dowler	
Science Priorities	Ada Nebot	Francesca Civano

WGs/IGs chair and vice-chair

- 3 years term
- possibility of 1 year extension

Many thanks to outgoing TCG members

- Laurent Michel
- Dave Morris
- Mark Taylor
- Carlo Maria Zwoelf, Mark Lacy, Brent Miszalski



# IVOA Media Group – call for volunteers!



Please join to help us with:

Resuming IVOA Newsletter

- Last one from March 2022

(new) IVOA website

- More regular content update

IVOA Social media presence, i.e. Twitter

- @IVOAastro

The screenshot shows the IVOA website with a navigation bar at the top containing 'Home', 'Astronomers', 'Deployers', 'Members', and 'About'. The main content area is titled 'INTERNATIONAL VIRTUAL OBSERVATORY ALLIANCE' and features an 'IVOA Newsletter' section. This section includes a description of the biannual newsletter, a list of the latest issue (025, March 2022) and its contents, and a comprehensive 'Archives' list of all previous issues from 001 to 025. Below the newsletter information are three columns of links for 'Astronomers', 'Deployers/Developers', and 'Members'. A prominent draft link is displayed in a white box: [https://sdc-dev.astron.nl/ivoa\\_web](https://sdc-dev.astron.nl/ivoa_web). The background of the website is a vibrant image of a nebula. At the bottom, there are sections for 'IVOA News' (March 2022 issue) and 'Upcoming Meetings' (Northern Fall Interop, 18-20 October 2022), along with a grid of links for various resources and contact information.







# Special thanks to Fabio Pasion



IVOA Doc Coord.  
Wiki hosting  
Mailing lists

In the IVOA since its creation  
IVOA Chair – Oct 2008 – May 2010  
Last Interop meeting this week



VObs.it "Hosting"  
6 IVOA virtual meetings  
2020-2022







COLLEGE OF SCIENCE  
**LUNAR & PLANETARY  
LABORATORY**



## ADASS 2023

[Home](#) [Block Schedule](#) [Travel](#) [Hotels](#) [Dining](#) [Special events](#) [Things to do in Tucson](#) [Email List](#)

### Astronomical Data Analysis Software & Systems XXXIII

The campus of the University of Arizona in  
Tucson, Arizona, USA  
5 – 9 November 2023

*ADASS XXXIII will be held in person with a hybrid online option*

The Astronomical Data Analysis Software and Systems (ADASS) conference will be held **IN PERSON** this year, hosted by the Lunar and Planetary Laboratory of the University of Arizona, NOIRLab, Steward Observatory, and the Planetary Science Institute.

IVOA (3 days) interoperability meeting 10-12 November 2023

Organized by Rubin, @ Steward Observatory

*(stay tuned...)*



THE UNIVERSITY OF ARIZONA  
COLLEGE OF SCIENCE

**STEWART  
OBSERVATORY**



# May / June 2024 interoperability meeting in ....



The logo for the All-Sky Virtual Observatory (ASVO), with "ASVO" in large white letters and "ALL-SKY VIRTUAL OBSERVATORY" in smaller white text to the right.The logo for the Tenth Planet Array (TA), featuring the letters "TA" and a colorful spiral graphic.The logo for SkyMapper, showing a telescope dish pointing at a starry sky.The logo for the Australian Astronomical Observatory (AAO), featuring a red crosshair and the letters "AAO".The logo for the Murchison Widefield Array (MWA), showing a grid of antenna elements and the text "MWA MURCHISON WIDEFIELD ARRAY".









Thank you ALL !!

Safe trip home for in-person participants

Nice week-end for remote participants

See you in Tucson !!